



Fw: Moore Energy/UEC borehole locations

Art Dohmann to: Philip Dellinger, Ray Leissner, jose torres, Stacey Dwyer

09/12/2012 02:24 PM

Cc: "Neil Blandford", "LILLIAN KOZIELSKI", "Barbara Smith", "Wesley Ball", coastalbendrealty, "John Dreier"

From: "Art Dohmann" <artdohmann@gmail.com>

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This transmittal is a confirmation of the map information that I sent to Jose Torres on Monday September 10. I had a telephone conversation with Neil Blandford this morning.

Neil advised that he counted 61 1980 vintage boreholes in the PAA-1 area. We also reviewed the testimony during the contested case hearing concerning these 1980 vintage boreholes. The plugging requirements in the 1980's were different than current requirements. Plugging information was requested but none was provided. Having no plugging data on the 1980's boreholes, the current condition of these boreholes and their potential to provide vertical transmission is unknown.

Assuming that these boreholes have filled in, were there vertical open shafts and if so, did they fill in with material from the sand zones or did the clay confining layers get reestablished?

I also discussed with Neil Blandford the proposal to drill a new relocated water well for St. Peter's Lutheran Church. We would appreciate an explanation of the reasoning associated with the proposal.

Art Dohmann

----- Original Message -----

From: [Blandford, Neil](#)

To: [Art Dohmann \(artdohmann@gmail.com\)](#)

Cc: [Blandford, Neil](#)

Sent: Wednesday, September 12, 2012 8:41 AM

Subject: Moore Energy/UEC borehole locations

Art,

Attached is the pdf of borehole locations I received from Steve Dickman. As I recall, the borehole locations with just a number (e.g. 73) are the old Moore Energy boreholes, which do not have plugging records and very likely were not plugged in a way that would stop the vertical migration of water between sand units. The UEC exploration wells are marked with an "N" designation (for example, N-73).

You can see the well numbers on the cross sections also, although it seems like UEC added "32201" before each borehole location. The borehole logs used for the cross sections appear to be a combination of "old" (Moore Energy) and "new" (UEC) borehole logs. Cross section B-B'

is a good example. Near the left (west) end of the section, 2 adjacent borehole logs are labeled 32201-1 and 32201-N1. Borehole 32201-1 would be Moore Energy, and 32201-N1 would be UEC.

Keep in mind that this is not explained anywhere, we had to piece it together from review of well logs and figures. UEC never commented that we were incorrect on this issue, so I think the way I have explained it is correct.

Let me know if you need anything else.

Thanks

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From: Stephen Dickman [<mailto:stephen.dickman@kellyhart.com>]
Sent: Thursday, February 04, 2010 12:35 PM
To: Blandford, Neil
Subject: borehole locations

Attached is a PDF of the borehole locations.

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Boreholes UEC.pdf